

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **09297535 A**(43) Date of publication of application: **18.11.97**

(51) Int. Cl.

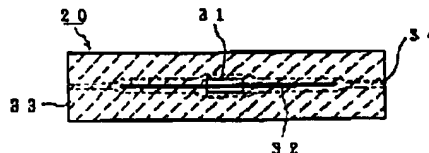
G09F 3/00**B42D 15/10****G06K 19/07****G06K 19/077**(21) Application number: **08109052**(22) Date of filing: **30.04.96**(71) Applicant: **TOSHIBA CHEM CORP**(72) Inventor: **FURUHASHI JUN
KUROKAWA TOKUO
MIYAMURA MASATAKA**(54) **ELECTRONIC TAG AND ITS PRODUCTION**

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain an electronic tag which has excellent environment resistance and durability and contributes to an improvement in production efficiency by forming a film-like resin sealed with internal parts and external parts for protecting internal parts of the same kinds of resins and integrating and joining these parts to each other, thereby forming the tag.

SOLUTION: The internal parts of the electronic tag 20 consisting of an IC chip 31 and an antenna 32 are sealed by the film-like resin 34. The internal parts of the electronic tag sealed into the film-like resin 34 are set in metal molds for molding and the same kind of the resin as the film-like resin 34 is forcibly fed into the metal molds and the molding of the external resin 33 is executed. The film-like resin 34 and the external resin 33 are integrated and joined. In such a case, the film-like resin 34 sealed with the internal parts are extremely thin and, therefore, the surface part of the film-like resin 34 melts to soften sufficiently at an ordinary molding temp. by which the film-like resin 34 and the external resin 33 are integrated and joined.

COPYRIGHT: (C)1997,JPO



*Prior Art References
Cited in the
German Patent
Application*